

FIG. 1

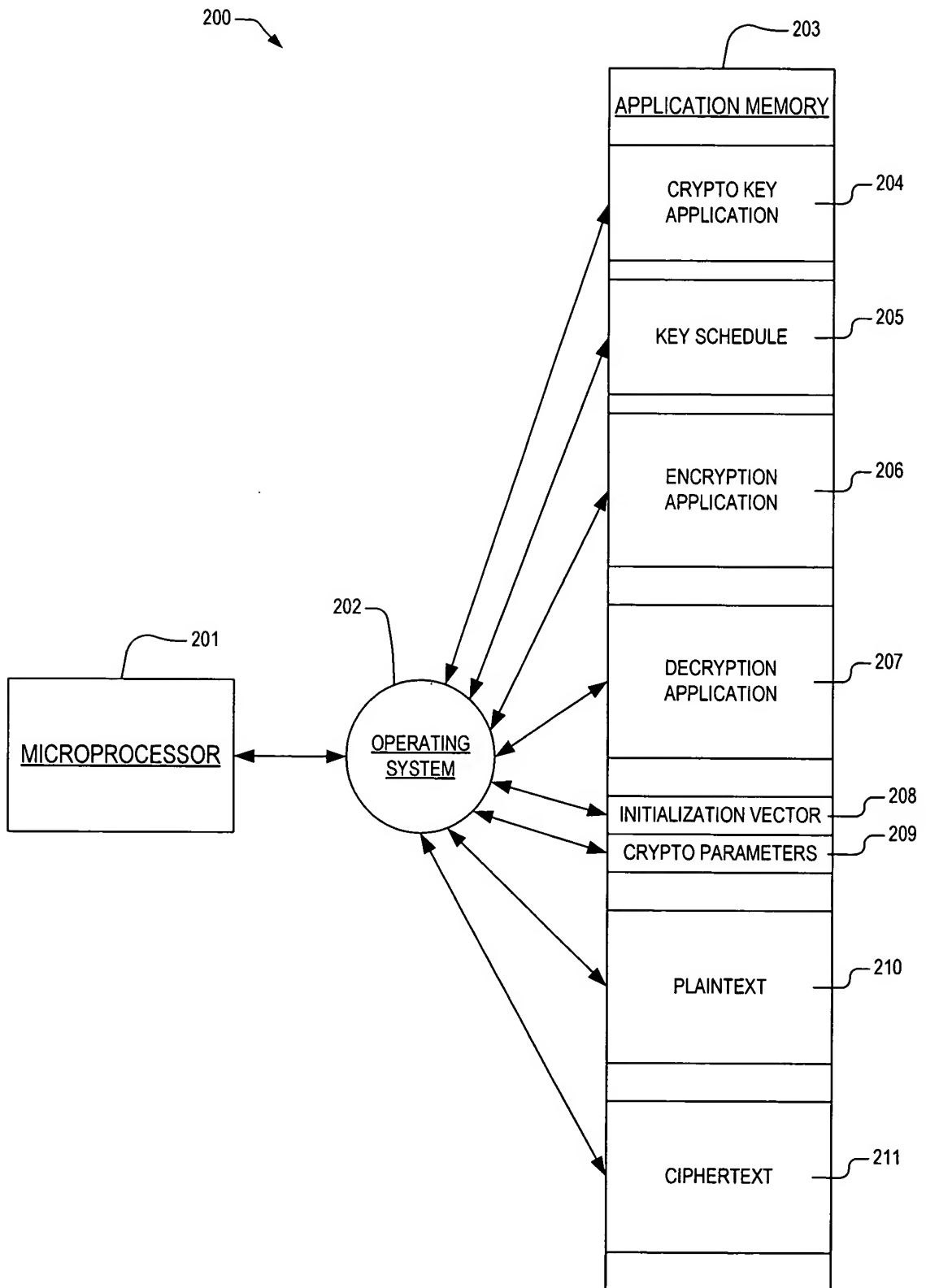


FIG. 2

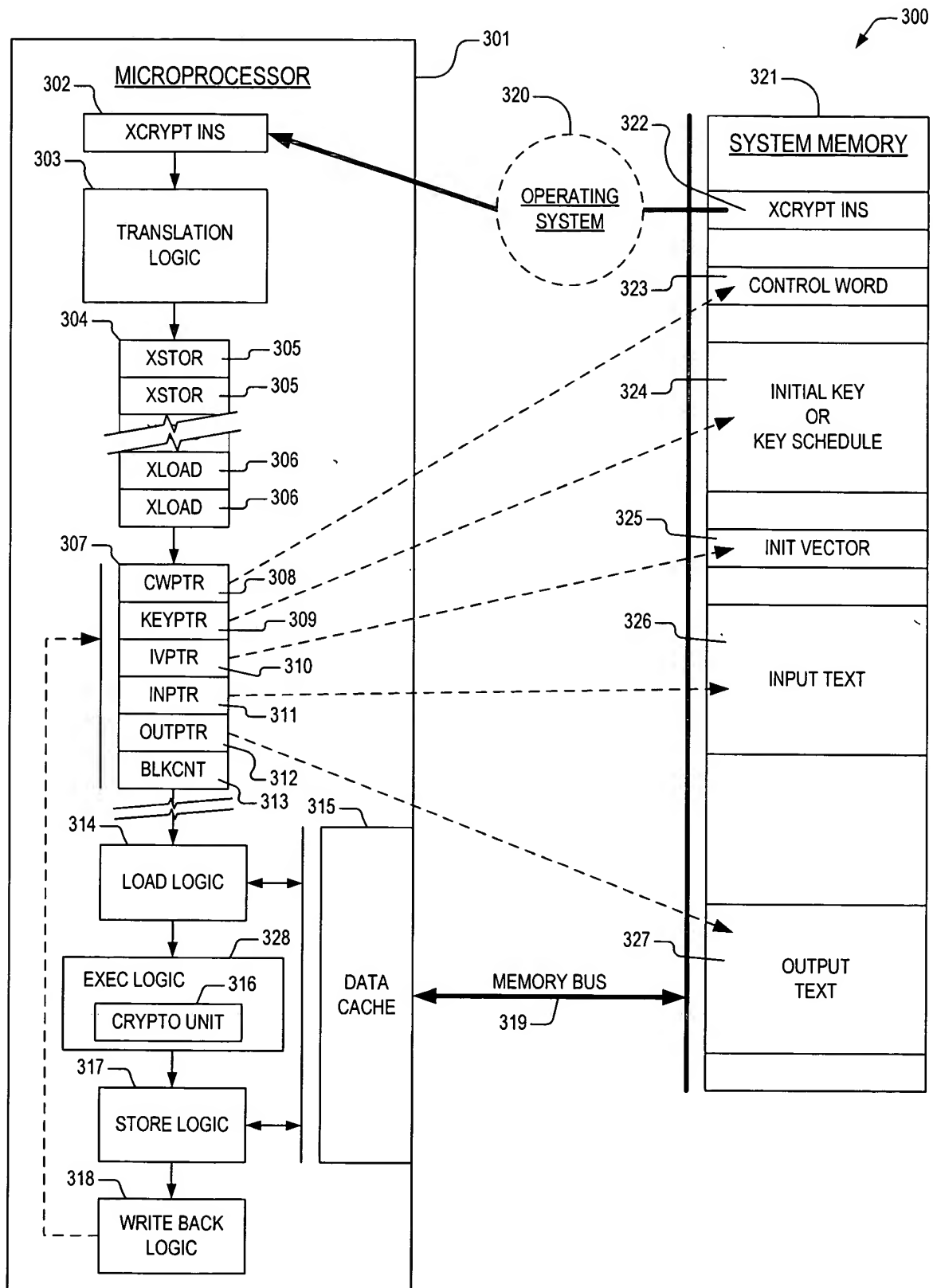


FIG. 3

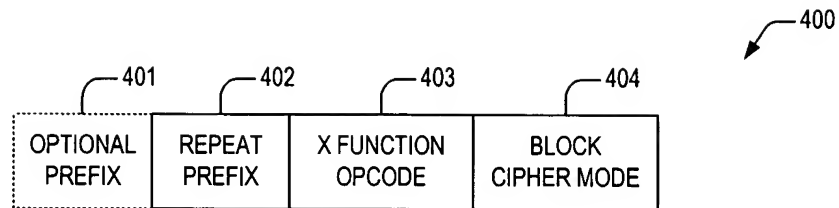


FIG. 4

Table illustrating the mapping of BCM values to cipher modes (500):

<u>BCM VALUE</u>	<u>MODE</u>
0xC8	ELECTRONIC CODE BOOK (ECB)
0xD0	CIPHER BLOCK CHAINING (CBC)
0xE0	CIPHER FEEDBACK (CFB)
0xE8	OUTPUT FEEDBACK (OFB)
ALL OTHER VALUES	RESERVED

FIG. 5

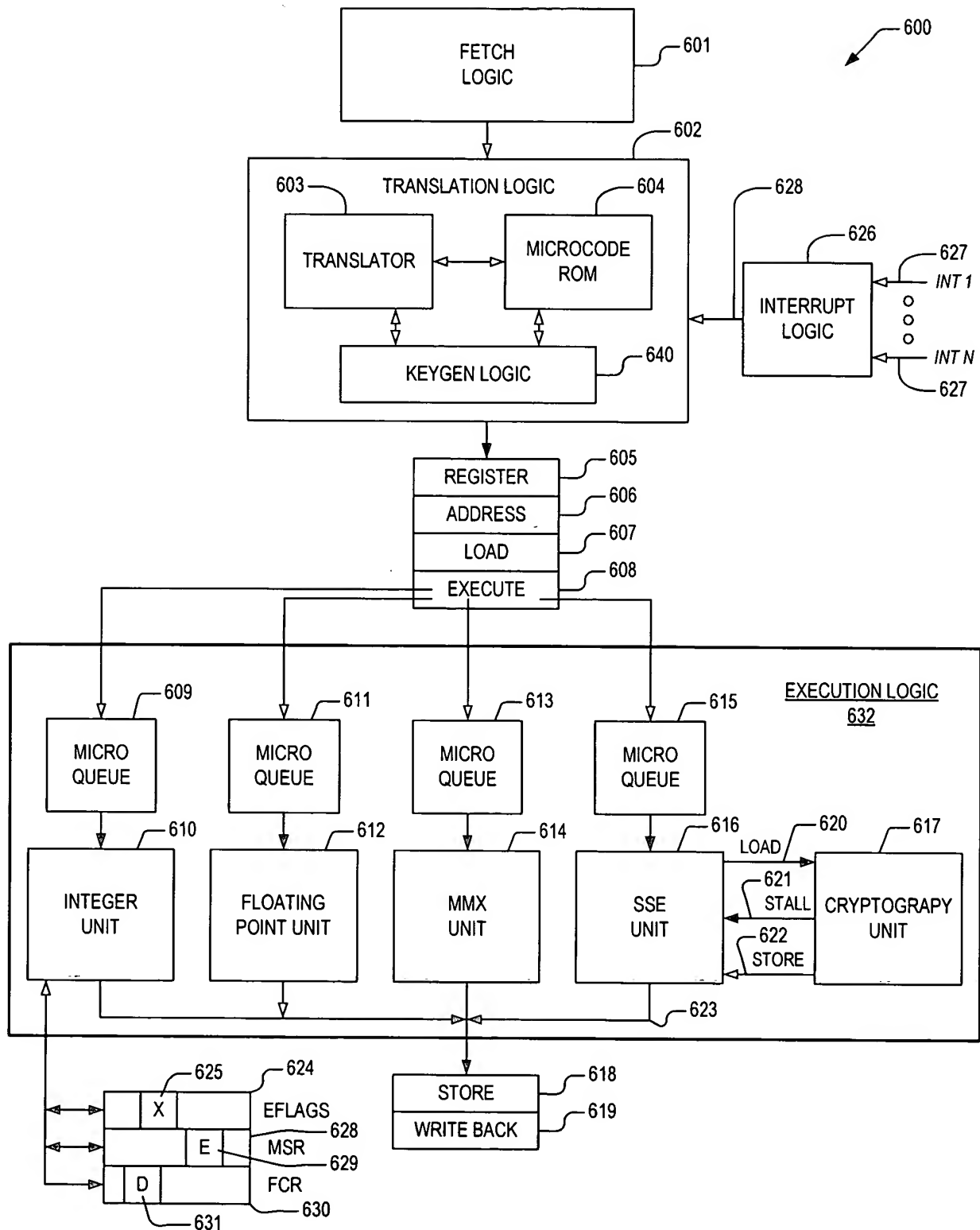


FIG. 6

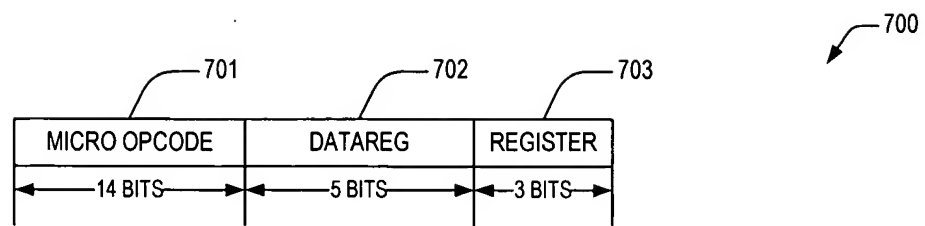


FIG. 7

VALUE	OPERATION
000	RESERVED
001	RESERVED
010	LOAD CONTROL WORD (CW) REGISTER
011	RESERVED
100	LOAD INPUT-0 (IN-0) REGISTER AND START CRYPTOGRAPHY UNIT
101	LOAD INPUT-1 (IN-1) REGISTER
110	LOAD CRYPTO KEY-0 REGISTER (LOWER 128 BITS OF KEY)
111	LOAD CRYPTO KEY-1 REGISTER (UPPER 128 BITS OF KEY)

FIG. 8

VALUE	OPERATION
000	RESERVED
001	RESERVED
010	RESERVED
011	RESERVED
100	STORE OUTPUT-0 (OUT-0) REGISTER
101	STORE OUTPUT-1 (OUT-1) REGISTER
110	RESERVED
111	RESERVED

FIG. 9

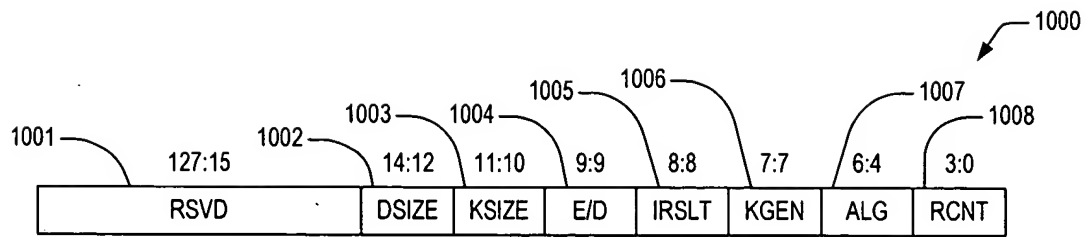


FIG. 10

KSIZE VALUE	CRYPTOGRAPHIC KEY SIZE (BITS)
00	128
01	192
10	256
11	RESERVED

FIG. 11

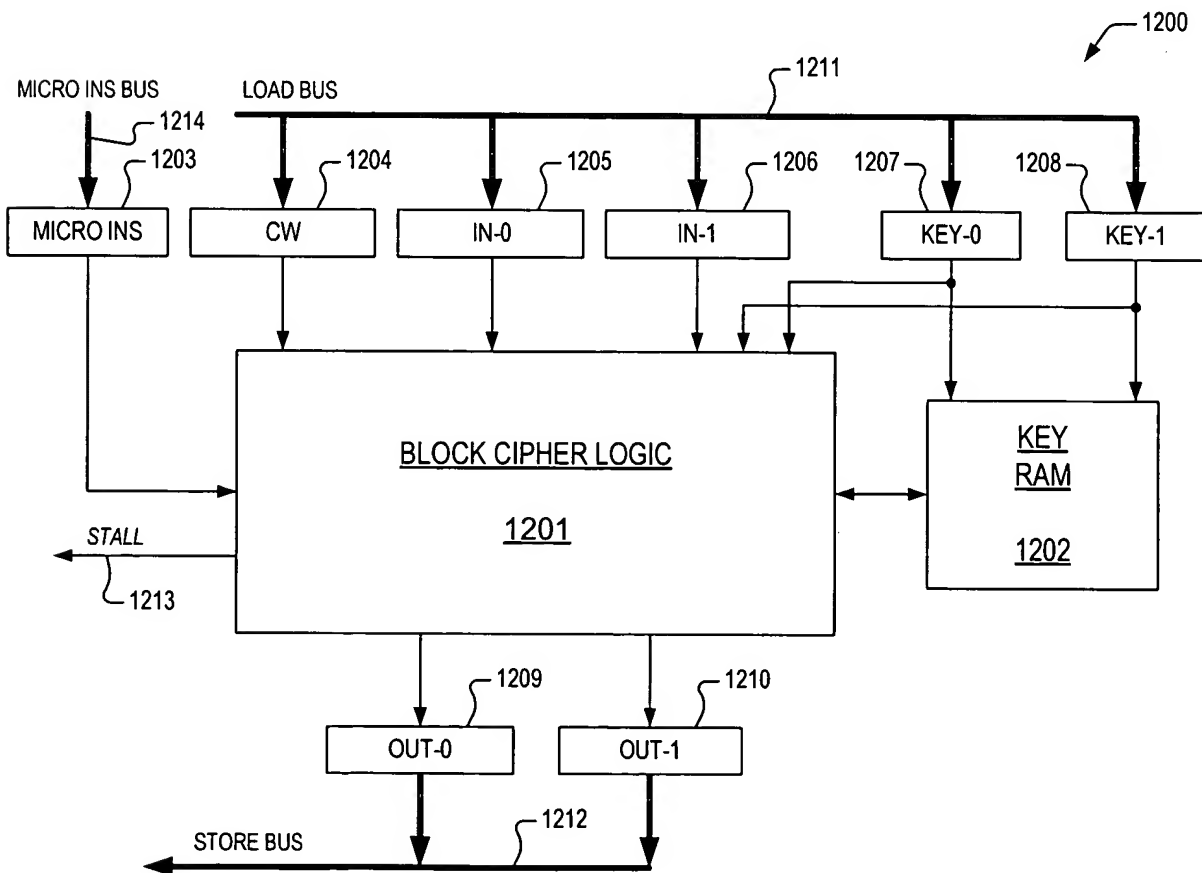


FIG. 12



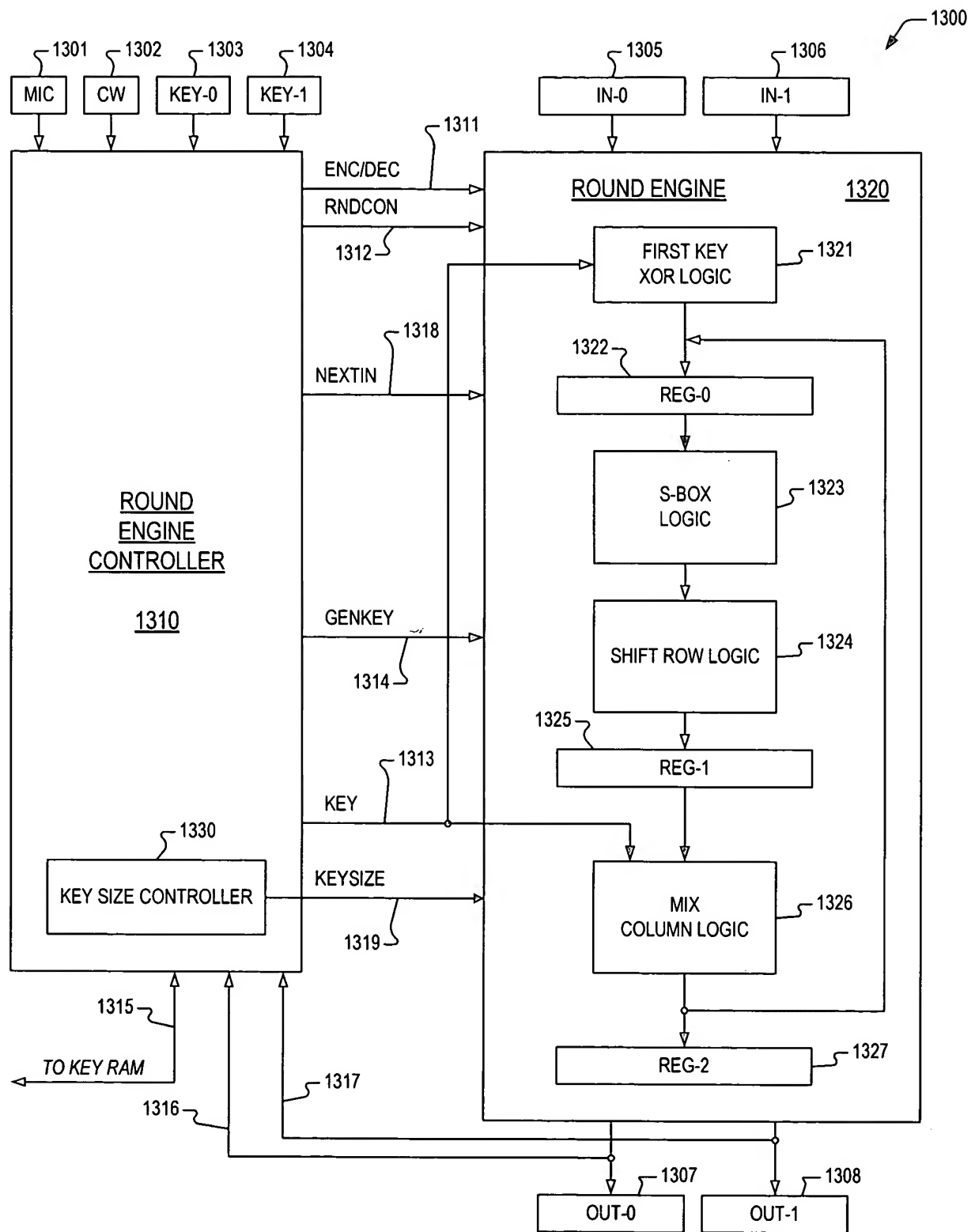


FIG. 13

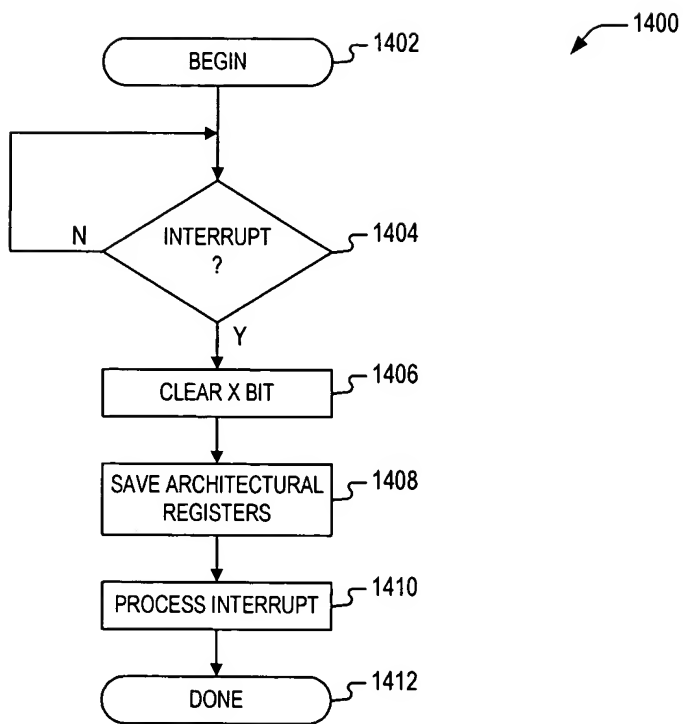


FIG. 14

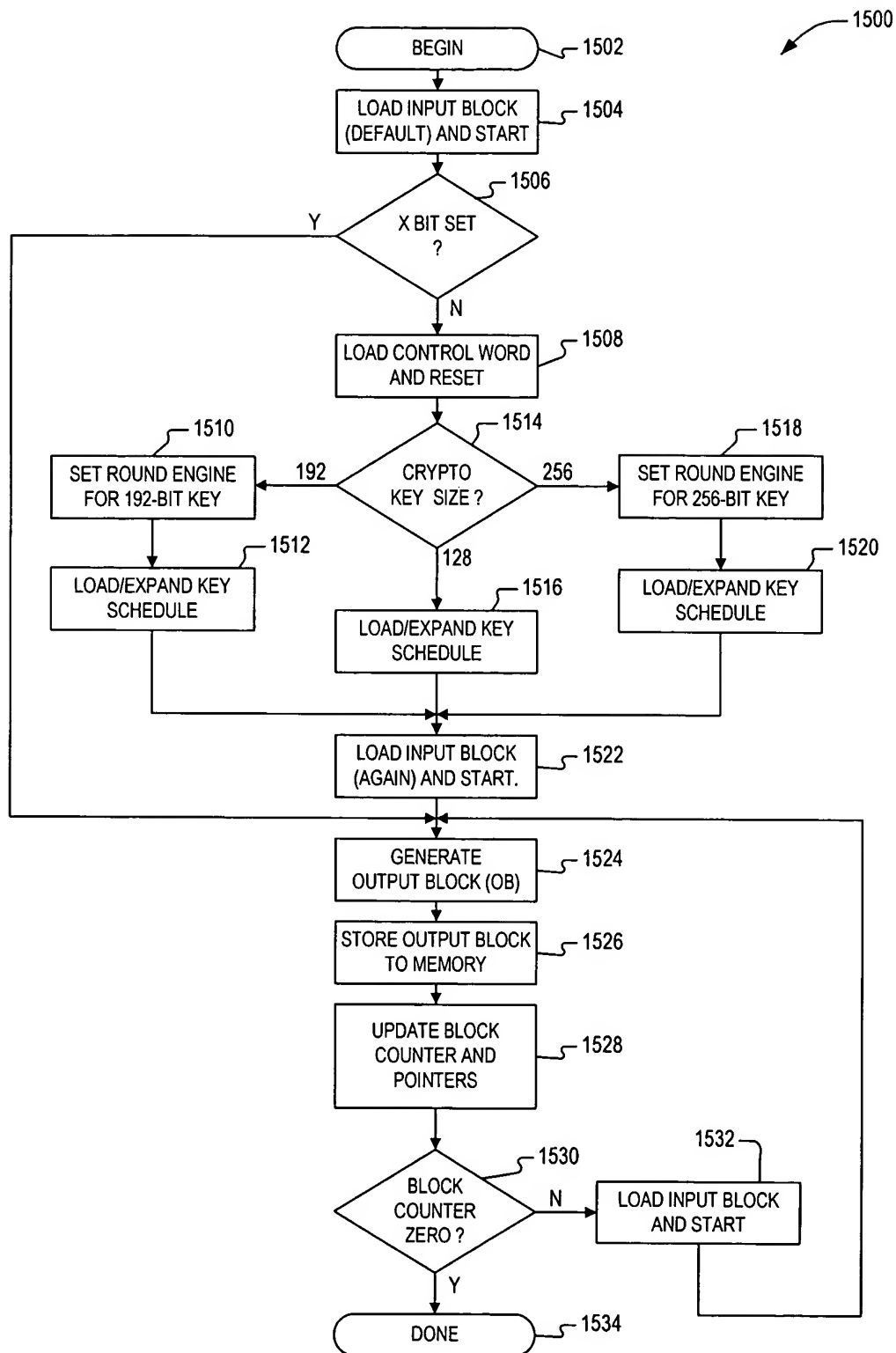


FIG. 15